

PATENT

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STATEMENT UNDER 37 C.F.R. §3.73(b)

HAKKO CORPORATION, a corporation existing under the laws of Japan, states that it is the assignee of the entire right, title, and interest in the patent applications and patents identified below by virtue of assignments from the inventor or inventors of the patent applications and patents. The assignments were recorded in the United States Patent and Trademark Office (USPTO) at the respective Reel and Frame numbers indicated below.

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| 1.
Applicant / Patent Owner: HAKKO CORPORATION
Application No. / Patent No.: 4,822,979
Filed / Issue Date: 04/18/1989
Entitled: TEMPERATURE CONTROLLED SOLDERING IRON WITH A UNITARY ELECTRICALLY HEATED SOLDERING TIP AND THERMO COUPLE
Assignment Recorded at Reel 010043, Frame 0315 |
| 2.
Applicant / Patent Owner: HAKKO CORPORATION
Application No. / Patent No.: D439821
Filed / Issue Date: 04/03/2001
Entitled: BOARD HOLDER
Assignment Recorded at Reel 010635, Frame 0084 |
| 3.
Applicant / Patent Owner: HAKKO CORPORATION
Application No. / Patent No.: 6,329,641
Filed / Issue Date: 12/11/2001
Entitled: DEVICE AND METHOD FOR CONTROLLING A SOLDERING IRON
Assignment Recorded at Reel 010604, Frame 0602 |

PATENT

4. Applicant / Patent Owner: HAKKO CORPORATION Application No. / Patent No.: 5,066,849 Filed / Issue Date: 11/19/1991 Entitled: SOLDERING IRON FOR SURFACE MOUNTED COMPONENTS Assignment Recorded at Reel 010719, Frame 0352
5. Applicant / Patent Owner: HAKKO CORPORATION Application No. / Patent No.: D467,048 Filed / Issue Date: 12/10/2002 Entitled: HAND-HELD VACUUM PICK-UP Assignment Recorded at Reel 011914, Frame 0769
6. Applicant / Patent Owner: HAKKO CORPORATION Application No. / Patent No.: 6,710,304 Filed / Issue Date: 03/23/2004 Entitled: CARTRIDGE TYPE SOLDERING IRON WITH A RELEASABLE AND REPLACEABLE HANDLE Assignment Recorded at Reel 012269, Frame 0475
7. Applicant / Patent Owner: HAKKO CORPORATION Application No. / Patent No.: 6,563,087 Filed / Issue Date: 05/13/2003 Entitled: AUTOMATED SOLDERING SYSTEM Assignment Recorded at Reel 012536, Frame 0620
8. Applicant / Patent Owner: HAKKO CORPORATION Application No. / Patent No.: 6,916,859 Filed / Issue Date: 07/12/2005 Entitled: ANTI-MICROBIAL TOOL GRIP Assignment Recorded at Reel 016355, Frame 0255
9. Applicant / Patent Owner: HAKKO CORPORATION Application No. / Patent No.: 6,818,862 Filed / Issue Date: 11/16/2004 Entitled: IRON TIP AND ELECTRIC SOLDERING IRON Assignment Recorded at Reel 013371, Frame 0394

PATENT

10.

Applicant / Patent Owner: HAKKO CORPORATION

Application No. / Patent No.: 7,044,354

Filed / Issue Date: 05/16/2006

Entitled: SOLDERING SYSTEM WITH INDICATOR LIGHTS
DISPLAYING SYSTEM STATUS

Assignment Recorded at Reel 017140, Frame 0204

11.

Applicant / Patent Owner: HAKKO CORPORATION

Application No. / Patent No.: D505605

Filed / Issue Date: 05/31/2005

Entitled: HALF CIRCULAR FLANGE FOR A SOLDERING CARTRIDGE

Assignment Recorded at Reel 014397, Frame 0399

12.

Applicant / Patent Owner: HAKKO CORPORATION

Application No. / Patent No.: D505053

Filed / Issue Date: 05/17/2005

Entitled: SOLDERING HANDLE FOR TWO PARALLEL CARTRIDGES

Assignment Recorded at Reel 014265, Frame 0455

13.

Applicant / Patent Owner: HAKKO CORPORATION

Application No. / Patent No.: D489236

Filed / Issue Date: 05/04/2004

Entitled: FLANGE FOR A SOLDERING CARTRIDGE

Assignment Recorded at Reel 014397, Frame 0134

14.

Applicant / Patent Owner: HAKKO CORPORATION

Application No. / Patent No.: D491030

Filed / Issue Date: 06/08/2004

Entitled: MINI HANDLE FOR PARALLEL CARTRIDGES

Assignment Recorded at Reel 015180, Frame 0973

15.

Applicant / Patent Owner: HAKKO CORPORATION

Application No. / Patent No.: 7,060,937

Filed / Issue Date: 06/13/2006

Entitled: CARTRIDGE-TYPE SOLDERING IRON WITH INERT GAS
EMITTED NEAR THE TIP

Assignment Recorded at Reel 014988, Frame 0050

PATENT

16.
Applicant / Patent Owner: HAKKO CORPORATION
Application No. / Patent No.: 7,030,339
Filed / Issue Date: 04/18/2006
Entitled: SOLDERING IRON TIP WITH METAL PARTICLE SINTERED
MEMBER CONNECTED TO HEAT CONDUCTING CORE
Assignment Recorded at Reel 016355, Frame 0618

17.
Applicant / Patent Owner: Toshikazu Mochizuki
Application No. / Patent No.: 10/816,231
Filed / Issue Date: 03/31/2004
Entitled: SOLDER HEATING SYSTEM
Assignment Recorded at Reel 015180, Frame 0492

18.
Applicant / Patent Owner: Hiroyuki Masaki
Application No. / Patent No.: 10/874,856
Filed / Issue Date: 06/22/2004
Entitled: REPLACEABLE SOLDERING TIP WITH SENSOR RECESS
Assignment Recorded at Reel 015516, Frame 0473

19.
Applicant / Patent Owner: Mitsuhiko Miyazaki, et al.
Application No. / Patent No.: 10/892,780
Filed / Issue Date: 07/15/2004
Entitled: SOLDERING DEVICE WITH CARTRIDGE TYPE BATTERY
PACK
Assignment Recorded at Reel 015690, Frame 0583

20.
Applicant / Patent Owner: Takashi Nagase, et al.
Application No. / Patent No.: 10/785,152
Filed / Issue Date: 02/24/2004
Entitled: SOLDERING IRON TIP AND METHOD OF
MANUFACTURING SAME
Assignment Recorded at Reel 015579, Frame 0036

21.
Applicant / Patent Owner: Takashi Nagase, et al.
Application No. / Patent No.: 10/785,151
Filed / Issue Date: 02/24/2004
Entitled: SOLDERING IRON TIP AND METHOD OF
MANUFACTURING SAME
Assignment Recorded at Reel 016310, Frame 0965

PATENT

22.

Applicant / Patent Owner: Kayoko Yoshimura, et al.

Application No. / Patent No.: 10/967,017

Filed / Issue Date: 10/14/2004

Entitled: DESOLDERING WICK FOR LEAD-FREE SOLDER

Assignment Recorded at Reel 016095, Frame 0110

23.

Applicant / Patent Owner: HAKKO CORPORATION

Application No. / Patent No.: 6,131,791

Filed / Issue Date: 10/17/2000

Entitled: SOLDERING AND DESOLDERING DEVICE WITH
IMPROVED PICKUP DEVICE

Assignment Recorded at Reel 010447, Frame 0284

24.

Applicant / Patent Owner: Yoshitomo Teraoka

Application No. / Patent No.: 10/942,688

Filed / Issue Date: 09/15/2004

Entitled: ELECTRICALLY-CONTROLLED SOLDERING POT
APPARATUS

Assignment Recorded at Reel 016132, Frame 0487

25.

Applicant / Patent Owner: HAKKO CORPORATION

Application No. / Patent No.: 7,126,086

Filed / Issue Date: 10/24/2006

Entitled: CARTRIDGE-TYPE SOLDERING IRON

Assignment Recorded at Reel 016148, Frame 0559

26.

Applicant / Patent Owner: Mitsuhiko Miyazaki, et al.

Application No. / Patent No.: 11/036,417

Filed / Issue Date: 01/14/2005

Entitled: CONTROL SYSTEM FOR BATTERY POWERED HEATING
DEVICE

Assignment Recorded at Reel 016343, Frame 0248

27.

Applicant / Patent Owner: Mitsuhiko Miyazaki

Application No. / Patent No.: 11/365,216

Filed / Issue Date: 02/28/2006

Entitled: LOCKING MECHANISM FOR SOLDERING IRON

Assignment Recorded at Reel 018234, Frame 0463

PATENT

28.

Applicant / Patent Owner: Mitsuhiro Miyazaki
Application No. / Patent No.: 10/688,413
Filed / Issue Date: 10/17/2003
Entitled: ELECTRIC PART HANDLING DEVICE
Assignment Recorded at Reel 015401, Frame 0957

29.

Applicant / Patent Owner: HAKKO CORPORATION
Application No. / Patent No.: 6,972,396
Filed / Issue Date: 12/06/2005
Entitled: ELECTRIC PART HEATING DEVICE AND ELECTRIC PART
HANDLING DEVICE
Assignment Recorded at Reel 014628, Frame 0417

30.

Applicant / Patent Owner: HAKKO CORPORATION
Application No. / Patent No.: D493342
Filed / Issue Date: 07/27/2004
Entitled: CONTROLLER FOR SOLDERING IRON
Assignment Recorded at Reel 014258, Frame 0155

31.

Applicant / Patent Owner: HAKKO CORPORATION
Application No. / Patent No.: D497527
Filed / Issue Date: 10/26/2004
Entitled: CONTROLLER FOR SOLDERING IRON
Assignment Recorded at Reel 014258, Frame 0143

32.

Applicant / Patent Owner: HAKKO CORPORATION
Application No. / Patent No.: 6,750,431
Filed / Issue Date: 06/15/2004
Entitled: ELECTRIC COMPONENT REMOVING DEVICE
Assignment Recorded at Reel 013209, Frame 0528

33.

Applicant / Patent Owner: HAKKO CORPORATION
Application No. / Patent No.: D490448
Filed / Issue Date: 05/25/2004
Entitled: CONTROLLER FOR SOLDERING IRON
Assignment Recorded at Reel 014044, Frame 0377

PATENT

34.

Applicant / Patent Owner: HAKKO CORPORATION
Application No. / Patent No.: 6,871,804
Filed / Issue Date: 03/29/2005
Entitled: A DISCONNECTABLE NOZZLE FOR HOT AIR
Assignment Recorded at Reel 014450, Frame 0141

35.

Applicant / Patent Owner: HAKKO CORPORATION
Application No. / Patent No.: 6,833,531
Filed / Issue Date: 12/21/2004
Entitled: TEMPERATURE ADJUSTING DEVICE FOR A SOLDERING IRON
Assignment Recorded at Reel 014388, Frame 0879

36.

Applicant / Patent Owner: Tetuo Yokoyama
Application No. / Patent No.: 10/859,936
Filed / Issue Date: 06/02/2004
Entitled: TEMPERATURE CONTROL SYSTEM FOR SOLDER HANDLING DEVICES AND METHOD FOR TEMPERATURE CONTROL FOR THOSE DEVICES
Assignment Recorded at Reel 015426, Frame 0506

37.

Applicant / Patent Owner: HAKKO CORPORATION
Application No. / Patent No.: D530349
Filed / Issue Date: 10/17/2006
Entitled: CONTROLLER FOR SOLDERING IRON
Assignment Recorded at Reel 016331, Frame 0421

38.

Applicant / Patent Owner: HAKKO CORPORATION
Application No. / Patent No.: D522328
Filed / Issue Date: 06/06/2006
Entitled: SOLDERING IRON MAIN BODY
Assignment Recorded at Reel 017009, Frame 0071

39.

Applicant / Patent Owner: Mitsuhiro Miyzaki
Application No. / Patent No.: 29/233,090
Filed / Issue Date: 06/27/2005
Entitled: WIRE INSULATION STRIPPING TOOL
Assignment Recorded at Reel 016743, Frame 0016

PATENT

40.

Applicant / Patent Owner: Takashi Uetani

Application No. / Patent No.: 29/234,239

Filed / Issue Date: 07/14/2005

Entitled: OXIDE REMOVER FOR SOLDERING TIPS

Assignment Recorded at Reel 017028, Frame 0723

41.

Applicant / Patent Owner: Mochizuki Toshikazu

Application No. / Patent No.: 29/234,297

Filed / Issue Date: 07/14/2005

Entitled: NITROGEN EXTRACTOR

Assignment Recorded at Reel 016786, Frame 0231

42.

Applicant / Patent Owner: Yoshimoto Teraoka

Application No. / Patent No.: 29/260,032

Filed / Issue Date: 05/17/2006

Entitled: THERMOMETER

Assignment Recorded at Reel 018910, Frame 0614

43.

Applicant / Patent Owner: HAKKO CORPORATION

Application No. / Patent No.: D542110

Filed / Issue Date: 05/08/2007

Entitled: HOLDER FOR SOLDERING IRONS

Assignment Recorded at Reel 018339, Frame 0128

44.

Applicant / Patent Owner: Mitsuhiko Miyazaki

Application No. / Patent No.: 29/272,048

Filed / Issue Date: 01/31/2007

Entitled: WIRE INSULATION STRIPPING TOOLS

Assignment Recorded at Reel 018897, Frame 0112

45.

Applicant / Patent Owner: Toshinobu Ishihara

Application No. / Patent No.: 29/272,075

Filed / Issue Date: 01/31/2007

Entitled: PREHEATER FOR MELTING SOLDER

Assignment Recorded at Reel 018900, Frame 0918

PATENT

HAKKO CORPORATION, a corporation existing under the laws of Japan, states that it is the assignee of the entire right, title, and interest in the patent application and patents identified below by virtue of chains of title from the inventor or inventors of the patent application and patents, to the current assignee as indicated below.

46.

Applicant / Patent Owner: HAKKO CORPORATION

Application No. / Patent No.: 5,408,072

Filed / Issue Date: 04/18/1995

Entitled: VARIABLE TEMPERATURE HIGH FREQUENCY
INDUCTION HEATING SOLDERING IRON

1. From: Takashi Nagase To: American Hakko, Inc.
The document was recorded in the USPTO at Reel 006864, Frame 0187
2. Correction of Assignee previously recorded at Reel 006864, Frame 0187
From: Takashi Nagase To: American Hakko Products, Inc.
The document was recorded in the USPTO at Reel 018367, Frame 0373
3. From: American Hakko Products, Inc. To: Hakko Corporation
The document was recorded in the USPTO at Reel 018635, Frame 0281

47.

Applicant / Patent Owner: Kayoko Yoshimura, et al.

Application No. / Patent No.: 11/138,656

Filed / Issue Date: 05/25/2005

Entitled: SOLDERING IRON WITH REPLACEABLE TIP

1. From: Kayoko Yoshimura, Takashi Uetani, Takashi Nagasi, Hiroyuki Masaki
To: Hakko Corporation
The document was recorded in the USPTO at Reel 017095, Frame 0918
2. From: Hakko Products, Inc. To: Hakko Corporation
The document was recorded in the USPTO at Reel 017817, Frame 00921
3. Correction of Assignor's name previously recorded at Reel 017817, Frame 0921
From: American Hakko Products, Inc. To: Hakko Corporation
The document was recorded in the USPTO at Reel 018150, Frame 0980

PATENT

48.

Applicant / Patent Owner: HAKKO CORPORATION


Application No. / Patent No.: 6,019,270

Filed / Issue Date: 02/01/2000

Entitled: SOLDERING IRON TIP

1. From: Stephen E. Boll, Randy C. Long, Peter M. Ziolkowski, James K. Lake
To: Lockheed Martin Corporation
The document was recorded in the USPTO at Reel 008180, Frame 0381
2. From: Lockheed Martin Corporation To: Hakko Corporation
The document was recorded in the USPTO at Reel 019297, Frame 0967
3. Correction of Assignor's name previously recorded at Reel 019297, Frame 0967
From: Lockheed Martin Corporation To: Hakko Corporation
The document was recorded in the USPTO at Reel 019365, Frame 0462

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

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Title & Company	President, Hakko Corporation		